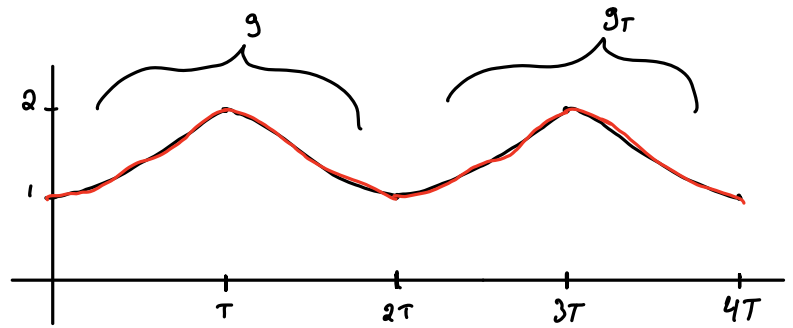
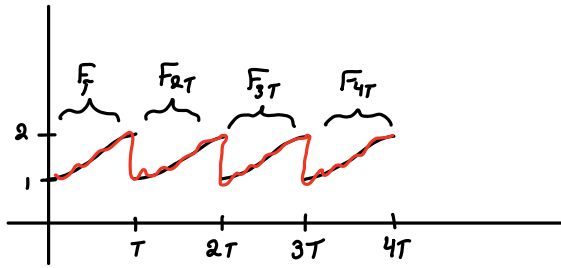


Quiz on 3.5 & 3.6 Thms



$$a_k = \frac{2}{2T} \int_0^{2T} g(t) \cdot \cos\left(\frac{2\pi \cdot k \cdot t}{2T}\right) dt$$

$$= 2 \int_0^T g(t) \cdot \cos\left(\frac{\pi k t}{T}\right) dt$$